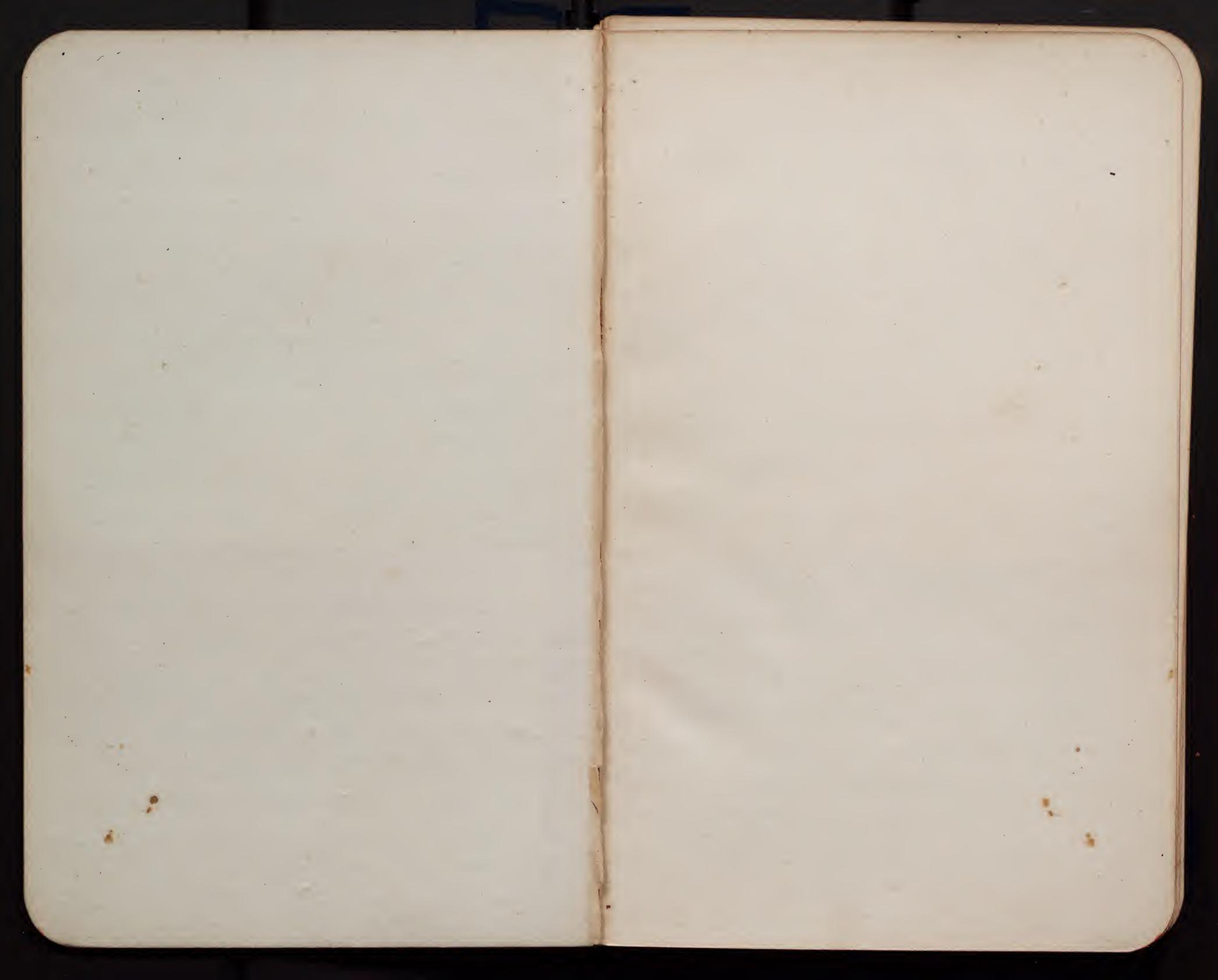
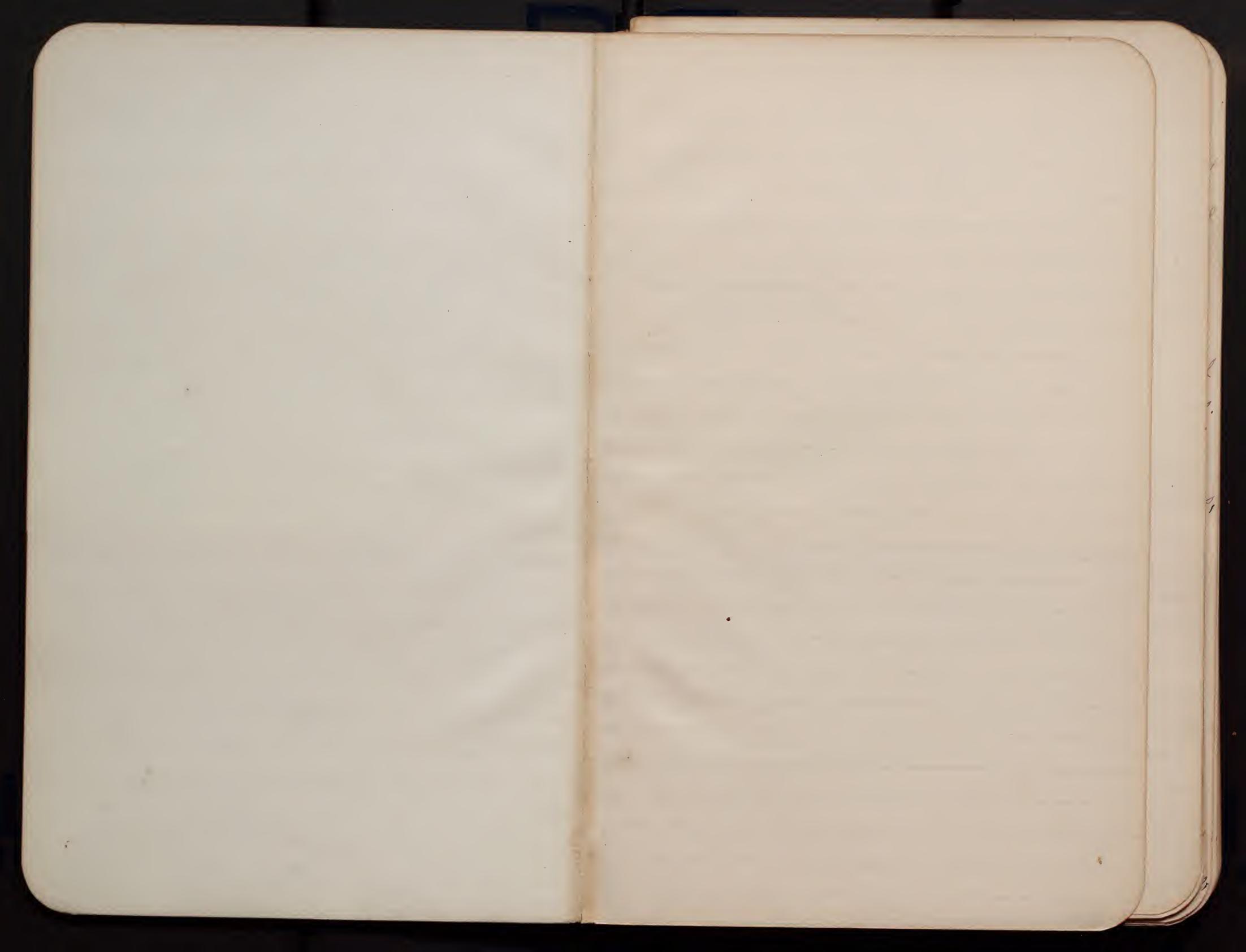
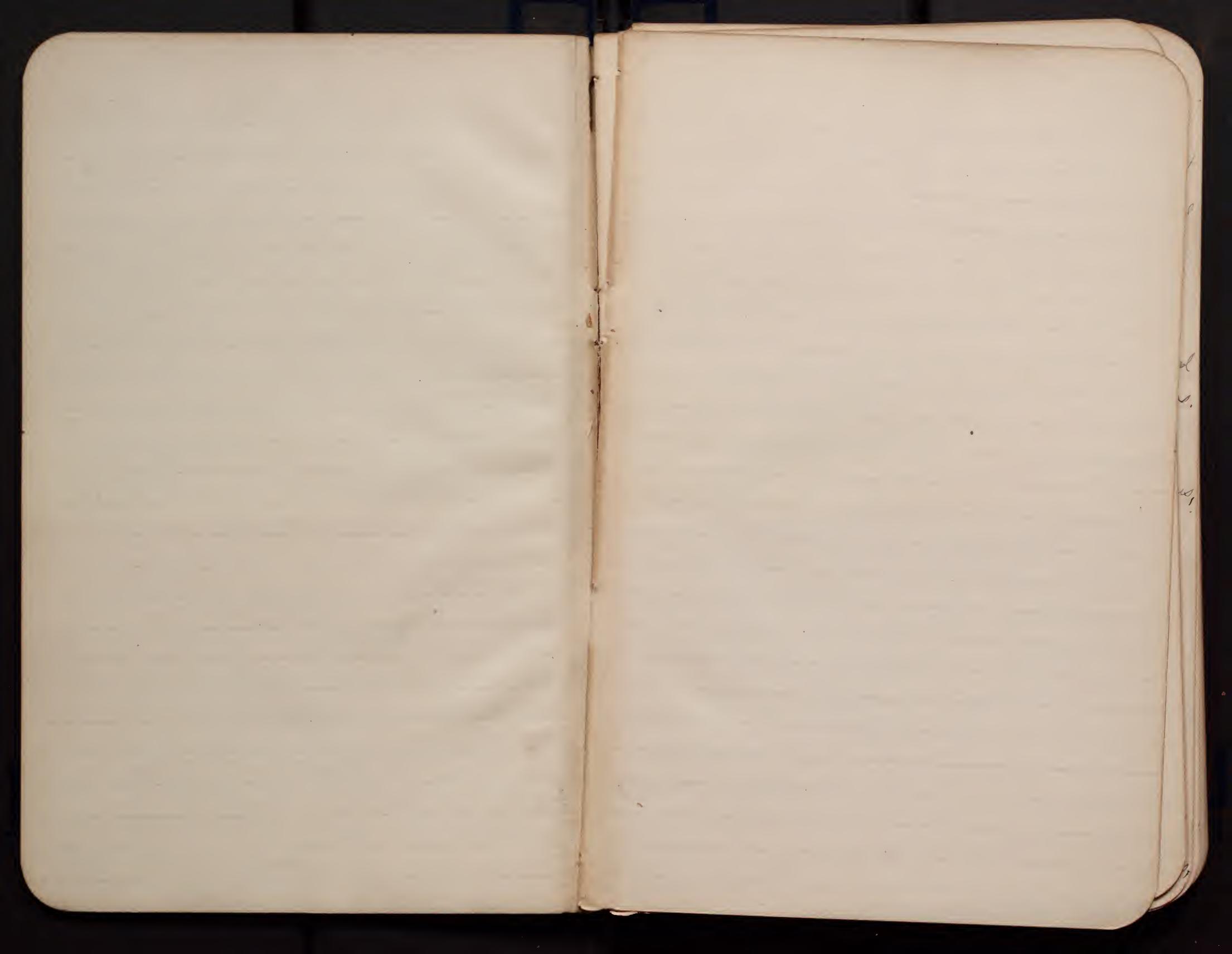
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June 19 Got an Ivolian to take rome down to the Indian agency 18 miles from Wadsworth on the East side of the river 3 miles above where it enters Pyramid Love. and 6 miles from Winnemusea Lake. Winnemusea looke is known to all the people beg as Wind Loke. Followed down the valley on west side of now o crossed wear the agency. Saw lots of Rebeaus. hundreds of S. wollis, 3014 S. beneurus That A liggards o hornbods. Saw Crotophytis, Calisaums, Cnemidophonis, ra little Scalopous. Got opicinens of all vear the agency & pilled some 5. wollis & 5. luneury. Careht on Thowomys. There is anow on some of the Miles wound. We vally is not very large T all around are Mit., disert ranges. Plants are all desert shicies. Inch as atriplex confertifolia, Sarcobotivos, vermientario, atiplex carescens, & Torreyi(?), Suaeda Lyssium (andersoni?), Tetrydinia comeseus, spiraseens, altenisia tridentata + spineseins,

Cottonwoods + willows grow on the flats.

Pyramid Loke, Nev.

June 20 Careht nothing in the traps set over night. Could find zot no tracks or signs of Dipodomys or Peredipus in norning before Spericophilus nollis bad come out. Made of yestedays specimens and in ofteroon went down to Pyramid Lake. Mountains riss from edge of lake part of the way . some wide sand flats + great marshes of juneus & Salt grass v. other sedges + grass. High, rock islands in the lake look like pyramids or give The lake its name. Mean store the walls was muddy. Cut aways The waves looked a brilliant green. There were fully 2000 pelicans sitting alora the shores orian the mouth of this river. I vever saw such a sight of via bird before. Saw dozens of hawkes bost killed only ove. Killed 2 S. lucysus + saw a lot more. A very pleasant day. Could find or signs of Deprodomys en the sand danes around lake. Set some traps their but expect to calch only S. nollis which swarms.

Pyramid Lake, Vine 21 Caught overach of Perodipus r Dipodorup. Set a lot nou trops for Thim. Have to set traps just at Lark so the Spermophiles worth get in themgot 2 Bats in evening. a warmday. Jung 22 Caught a Dipedany + 3 Peredipus Ta Perognothus, Shot 2 Rabbits, 2 S. linearus, 3 Hands, som liggards + a snoke. Went down to lake, Killed 3 Bats. Good or windy June 23 Caught a Dipodamp of some other things. aftersoon over to a caron across on west side of vally but found very little of intent. Got some liggads. Found the littlewild frach & a Feligia of Jumpers June 24 Went down to the Lake, Pyramid Lake) got a boat of an Irdian and went to the beg island vear middle of lake. It is about 10 mules from to South end of lake T at the rearest point about a winte from store. Is rocky, about 500 feet high and half a mile across. an old starling 50 to 100 fut above lake forms

Pyramid Raks a wese part of the way around. Found so birds bruding on it sow; Though Pelicans of gulls love bud there in great ruwbers. Found old vests. People said there were awarms of . Rattle snakes on the Island but I found only 3 Manies + 3 spices of laggards. Spiders were exceedingly numerous. Howoup hills + evidently Perograthus holes were common of Medona signs were seen in caves. Vigelation is dry, but they is total some burch grass & alfilacia. Goats Love been put on the island of sew a ser tracks of trails. Fot some shells. I good stiff breize helped me in rowing back but was pretty fig wores. Jung 25 Sunday, There was one Dipodomp in my trops Went to S.S., took a tray of warmals and talked to about 80 Indians & a dozen whit people obout namals.

To Wadsworth

Twe 24 Careft sowe won things of made up skins. Found I could go to Wadsworth in afternoon so murried up & packed apriorers & started at 3:30. Got waif o wadsworth & weath littles in evening, took a 10 P.M. train for Elks.

June 27 arrived at Elko before
breakfast, Trawfed around a little of
their wrote on my report till reon.
In P. M. Took traps of set for
- Microdipolops. Found some tracks that
I thought were thinks but guess that
were I young Peroolipus.
Set 50 traps.

Perodipus, 3 Onychonys, a Sitomy, a Sitomy, the tawies winings. Took up trops of took 7:20 a.M. train for Hallock. Mack up specimens of in P.M. set 50 traps for Microdipodops of a for Lefus idahousis. Caught & Microdipodops in my looked. Learned sowething of this lobits. Savelove alir.

Hallick June 29 Caught 3 Microdificalops, Peroquethus 10 mychonys, 3 Sitomp sovorensi, 15 Tanias m. pietus, stof an S. mollis & B Lepus idaboensis. Made up la skins + orax bird, reset 61 traps, wastly for Microdipodops, Weather pleasant, nights cool or days not too lot. Wasquitas bad towards night. loo cold for them nights. June 30 got 4 Microdipodops, 3 Perograthus 3 Sitonys, 6 Zamas, a Howomy of an adult Lepus idahoensis. Made of 14 skins. Reset & bailed all my traps after 4 odock, Then went them after sundown, from 7:45 to. 8:15, and found The bait had been taken from rearly all of their by outs Rebailed them. Found 3 Perograthus in The draft from 7:50 to 8. Sun sets at 1:12. a work is killing the sagebrush & lamas minimus is living on the worm. Have 70 traps set. July (Caught 5 microaifodops + 2 L. idabocusis made up 18 skins. Hotday, up & 70+.

manuals taken at Hallick

Microdifiodofs, June 28, 2, 29, 3, 30, 4; Jany 1, 5, 2, 3, 32; 4th Tanias minitus, " " #, " 15 " 4 " 8 7 4 2

S. wollis 2 4 5 1 1

Perograthus fasciatus 3 4 6 5 9

L' olivacus 2 1

L' ofus idabouris 3 1 2 1 1 2

Sitomip 3 3 3 2 1 2

Pryclony 1 3

Thomomys 1 3

Title

July 2 Sunday, Jourd 3 Microdipolops Tone Lepus idobourses in the traps. bisides some Perognothus, Tannas o Sitomus July 3 Got 4 microdifedofs & a going Liddowns o caught 3 of the big Howowes. Finished + sent my granid bede report. July 4 Caught 2 Microdiffology and 2 Lefus idaloessoes and 9 Resegvottus THVO Thorongo, Made up 15 skins and 2 skulls + overbind! Packed a box of ofteiners, Packed my thing I took of Trops and left falled at 7:42 P.M. Found I would have to take two days for the tip tothe Mits so gave it up.

July 5 Reached Og den in worning.

Get no waif of account. Looked over wagens and inquired about lorses.

Went down to Farmington and staid the rest of the day. Went up the Buts. back of t'armington but found to the Tamington but found t

July 6 Went to Salt Loke City and studied aragons till tring for the kain to Park Cety, her to Park City for S. constanuous skellows. Dednot arrive till 7 P.M. + it was then too late for the signisted In coming along the R. H. I saw dozens of S. according from below the traffway House up tot Packe City. They are des numerous as was S. eligans through Wyoning, but not so numerous as 5, wellis at Pyramid Lake. I think they are four Times as uninerous as when I was bere 3 years ago yesterday. Saw a Lewis Woodpecker (M. Lorgustus) Just before reaching fork City, amperfectly sure of the spices. It flow slowing past the train stowing the tawny sides and black back perpetty plainty. a cold evening at Park C.

July 7 Started up the normain early and of a colver san the first Spennophilus castamurus killed it and two more T a S. aswatus, seturned to both, got weakfast and took the 8 all train for Salt Lake, where I arrived of 10:35 and had to wait till 4:30 for a train to Ogden. Looked over the wagons in Salt Lake City and wrote letters. Reached Ogden in evering and stopped of the European Hotel. got a telegram but was too late for waif. Cold in noming of Park City. Had to wear gloves of all the clothes I lad along. Saw a Weleneypes torquatus in the same place where I hav if last right.

July 10 Set traps on South side of wires and caught one Perograthus alivarus in my bands. Looked up borses and picked out a bruckboard and had additions put on it. Looked at more borses

9 gden Vuly Il Loring went to trops ogot our Perodipus: Spent wast of the day in picking out and briging boyses." got a pretty good team for 75. and Loring got a saddle borse for 25. Had them shod, Tourd a wan that I gress will do. July 12 Moved our outfit down to Stakers farm and camped. July 13 West of Ogden Caron to Paradisi Spernophilus arnatus, but vo other new warmals for the locality. Came vack in time to set out a lot of trops. Lowing killed a beg Jull on Weber River. July 14 Went aftermy saddle transi and then got him and Laxings borse shoot Set traps in evening. Caught some Perograthus and Porodifus unoring

Ogden & northward July 16 Sunday, got some Peroquathus and Perodifus. Our best tram horse got kicked and is law. July 17 Pocked up and moved up the valley to veer Hot Springs. Our horse was too lane & walk so we got another horse and lift it. Will send back for it again in a fundays. July 18 West Rast Hot Spings about a mile and turned up to a caron Set traps up the caron. July 19 Caught only a Meotona curella and Stat down Tamios dorsales + birds. Lowing west back to again and forward our horse still too lawe to trevel so traded her for the ove us borrowed. Now we are all ready to push on Jo Bear Lake. a bot day.

Brigham to Willville

Vuly 20 Started from camp at 8 a.M. and tollowed up valley 12 miles to Brigham, killed a Cottentail and now some Jack Holpits From Brigham turned east and followed Bexilder Creek up through the caron to the little town of Mantina, then Turned to the north and crossed the divide of the Pange and struck down another creek to Cache Valley and camped at Wellville Carry about 30 miles! The diveds was not high and a good road all the way. Men the amount we killed a Tarivas minums and just on the west slope of summit killed 3 S. arwatus. . Mantia is in a pretty wountain pack but sheep love eaten the hills all around ball. We crossed & sumits with a bosen and little loss between. Ol 15 Herring gulls in the lake we killed 'me and found its stavach full & criekets. along the crubes the principal trees and shows are acerglaberinus, Populus argustifolius villow, almos, Sambueles. Betwee occidentala Cornins, Pegusos aceroides Amelanchies, rose, Courth side hills are Lumpers some, Cercocartus, Cowania

Wellsville to

July 21 Cache Vally is 8 02 10 wiles wide at this hourt. It affears to be a very long valley extending out of eight both ways It is well suffling with water Little Boarkiver running through it and numerous side side streams coming down from the cours. Most of the cally is cultivated. Houses T towns are anwerous. It is The best Valley I have seen in Wah. Baring to the east we crosed the vally and passing through Hymm we struck into Blacksmiths Fork Caron are followed up it about 8 0210 wills and camped. Found a fairly good road and easy grade The cara is varrow and the sides high so there is little fertile land in it. 2013 little ranches, & good sized stram comes down it, some 40 feet wide and 2 feet deep and very ropid. The wits, along each side are not very high. Sheep have eater off nost of the grass. Douglas spries coveres the upper slopes and comes down into the caron in places, Junifes and ircoeashows and a Cowania or Purshia an common. Betula occidental + Populus argustifolia and Willows, almos, amelanchies, Cratagus,

Prumus auchicana, & Cereocarpus parvitolijas the bottom of the Caron along the striam, Populus tremutaides 7 Cereocarpus lidifolius 8 Sprue + Willow and Covothus grow on the slopes. We canoped at a vice little weadow by the creek, camped early and climbed up the ridge but forward wothing of account. Saw lots of Destractes and Long stot 3 Bluegrouse, Killed & wade up a S. aswatus, Saw 2 S. grammurus at lower end of cavan near toll gate. Did not othike awaters till we camped. Killed ove boat. Set some traps. Didnot love time to calch any fish. Law one Tamies, probably minimums, others beard. Saw Lynx tracks a lot day, a thunds slower fassed vear us in P.M. amelanchies berries are abundant in the caran and the largest & niest Lever saw. Yellow currants are also abendant. Came about 18 or 20 mils.

Wasatch Euts.

Vuly 22 Caught & Perognothus of Medana Loing got 2 heatenes, Lynnes took the tote from our trops o tracked all dory the road. Started early of followed up Blacksmiths fork to head of caron, about 5 miles, then burned to the north and climbed over long slopes up rup, then down to another branch of Blocksmiths fork, then over another ridge or down to another little straw that was nearly dry and camped, We are probably still 10 miles S.W. of Laketown. Should think our altitude was about 9000. In coming up the cavor we saw Tomia dorsalis + lots of S. armotus + 5 arctorys + 3 Tarrias of castanums. Loring killed an arctonys & 2 castanios. Tanias minimus was convor wort of the way 8 we killed what we wanted. Shot & Bevelagghe The young are about loff grown. We auxed wood of them. We each killed a Pine Danier Saw Bear signs. Sawe other fellows sawa Bear obout a wile from our eaugh. Killed some new budg. Set a few traps, Mode skins. Hunted a little. Raineda little in P.M. Sheep love eater up the county.

July 23 Sunday - Cought votting in the few traps we look set. Went for a long will over the ridges and saw some Beat signs, saw where are lod graved . the back off a popple and rupbed some brown lois off an another tree. Saw a lot of Logo heurs and killed sold oves. They are good and do not taste of eage. Lowe familias plants are common here around courf. Potentilla frutieasa, Frazera speciasa, Peutstewon bawatus; and Gilia agrigata besides attenine a tridutata a. cava o a. Trifida au common. Fragaria glanca and Quelarchies are common. I sendotsuga Longlasii and abies (concolor?) . are the gray confers seen. Junifes o Escocarpes and fopulus tremuloides and licer globerum are the principal trees. there are lots of grossy parklike weadows but the grass is stort and growed down by cattle and sheep. Where sheep love run the ground is worthy bace of grass of small plant. Woold night and posting worsing. a coolday or cold evening.

July 24 got an early start and came down to Laketown, 12 ruiles, and camped at south end of Bear Lake. Came through a park and does another divide, They followed down Cottonwood Creek to the lake. Passed some betty places to camp and collect than we lod seen before, but did not stop. There were some deep earons full of timber and splinding grass all over the high part of the range. Passed a camp of Stockone Indians with a lot of version drying and some durs tongues and hides hanging up. Passed a good dol of Pinus unregar but vo other pines. Sprices and other trees as before. We came down a not very steep slope along Collonwood Creek for about 8 miles. Probably did got chine down was than 2000 feet. Beardake is just 6000. Was much pleased to find my ameroid at the 60. Shot a big Weasel just as we started and Shot sowe half grown Sage growse. Struck Populus avgustifolius agan when half way down the slope. Set trops o slot a Parouping.

July 25 Caught one Fires, 1 Mink, 4 awicola lergicanda, 4 Sitonys, 2 Zamias, 25. armotis, Loring got a Fiber + a Musumscalus and stot some birds of a bat. Made up skins. a cool day and raine in the Mts. around. Bear Lake is a lovely sheet of the woter surrounded by mountains. It is about 30 miles long, The Atts sast of it are low and sprinkled ovel with Junipers. Mase on the west-Bear Loke Mits . - are higher and covered of the sumits with heavy coniferous fourts, wherein are several pay wills and rails of logs are hauled down from Them. The people of Laketown are of Mornons. Hesterday they were all out to the grove cultrating the 24th July. Moveen day - The day on which Brigham young I party reached Salt Lake Vally in July 24 Caught a few things & made them up In P.M. wade out out in forevoor. report for the trip from Ogden & for Laketour

BearLoke

July 27 Picked up our liops and started vorth before a velock. Followed up the east side of Bear Loke to a big spring some to miles north of the end of the wain lake and camped. Followed the lake store all the way, Passed sweld ranches, Killed 2 arctorup and 7 S. castamurs on the rocks vear the loke. Killed several Cottontails and Loing got 2 Lepus compestris. Saw 3 Coyots and lots of Tanias minimus & S. armotis. Found a Peroquethus in one of my traps. Saw some vew birds along the lake. a homed gribe came up close to store and just as I was going to aux ber 2 downy young swam out from the grass one caught bold of the old birds feathers and the other bold of it and she swam rapidly, towing them after her. Then ove let go and the other climbed up on bu back and crawled under ber wing. She waited for the other which also climbed on by back and went under the other wing. They went under the scapulars and were entirely out of sight but the feathers were raised. We old give then swam whirly with their

and when I slot at the I which kept wear them, she door and remained weles water a long thin, probably bull a uninter. When she came up the scapulars were still raised slowing where the young were. Set traps and wade up skins till late. Camped wear the loke with grass and good water but so triuber. Bushes ping the lake slow part of the way. /Letula occidentalis and willow are the nost corner. Black, yellow, and red Crements. and R. Alexeum, are abundant along the foot of the hills in places. The 5. tot S. castavurus are living on them. amelanchies bushes are common but the beries are small and dry. From St. Charles northward the chareces of Bren Lose clarges, Infact it is another lety quite seperate and called Mud Lake. It is about bay open water and bay Tule, (Juneus Coustin?) The water is shollow usually 2 or 3 feet deep. It is scattered around in pords that connect by cramels. The tules are high and think and of a black green colder

Voly 28 We caught 10 Perograthus, serve Sitory, Long get a Skink 8 2 Wotomas. Started of 9 a.M. o wached Montpelier of wow. Got some supplies and their turned east up Worthelier Crick and camped about 10 wiles from Montfelier, averaid read 6100 of Wortfeliar at camp 4750 at 6500 Betula occidentalis + Populus avojustifolius stopped and Populus trumbaides T Pseudotsinga & Pinins flifiles began. in the cavor. Easy grade, and vot which can up the crebe, Wort of the trinker las been cut. villows and littly wesdows along the stream - nout in it but we got but out. Found arvicoly signs up orasids of Mito, and set a sof of tiaps. Made up skins in evening till 11.

Montplier Creek Idolo.

July 29 Caught save avelovedes brigiendes + 3 Phaenocony Some Sitorys 7 2 Thomps clusees, did not stop to wake up skins bollowed up Montpelier Creek a few wiles and then over a tong redge and down on another creek, then overanther judge and across another creek, over another vedge and camped vear the lofe by a little eling. Becaute used 6550 at Camp at 10 a.M. and 7500 when we camped at 31. M. Came about 10 miles. The wormlains are not very worky but love a good soil und au will rowed & covered with vegetation. They love been well wooded but the pine T shower sorests ove reen water burned. Pohulus trimuleides forges acuse Trickets - laige grove and spruce + Rums murigain + to flightis sover some of the worth slopes; Streams with willows brush line the bottoms of the gulches. Lound 2 old Beaver pards Trans ald cuttings along the bank Made up skins & set taps after Campang. Kelled 2 hames + a S. cashung Moonings all conver & Sources . Killed a Porcepting

Prueso With Idabo

July 30 We got some & Sitorny, Tamias
of two spices, S. castamurus & Sciums &
Thomonys. Went when prote S. E. of early
and saw one of the Tetons away to the voith.
Saw some big arctornys but did not get any.
Some transfer can along & told as that we
are on the head of Crowcruk but atill
20 miles from Stas Belly.
We call it Sunday but are not very sure.

July 36 Went whom high ridge at daylight to watch for arctamp & while watching Laring Daw a black bear across the valley We went after to drove all the thicket for several miles but did not find it Got back late & had a lot of things to skine do concluded to stay all day of set traps again. Buth of us put up 18 manwoods of net 65 traps.

a Sorry to lot of Sitomy. I got a Zopus a Measorer, 3 arricola + lot of Sitomy. I got a Zopus a Measorer, 3 arricola + lot of Sitomy. Broke Camp early and followed down Crow Creek & Star Valley Crassed the volley to after and then bollowed

South up the valley about 8 quiles or camped. Came about 30 or 35 miles. Caused of 6 P.M. 8 wade up our manurals. Star Calley is about 6 450 feet high is well watered and parts of it are piwe land. Where not irrigated it is barren. Hardly a trace of upper sovoran comes into the vally. Spruces cove down The cavours to the edges all winned. a few Populus avgustifolius are the only lower gove plant voticed. Betula vecidatel grows along the streams, They few warmed signs votied in the vally except S. aswatus or Monoup Badger low. We saw one Wissel. arrived read 6450 in bottom of vally 8 6950 at camp in S. eggl. The mts. along last side of valley are higher than the Preuss Kangs of some of The peaks seem to Love a good timber-

mountains

The boros got lost in the aug. 2 brush & wed did not start titt about 8 oclock, Tollowed up to the head of Salt Creek + then over a high ridge and down out the head of Smiths Fork, then up ove of the branches and over another ridge. Came about 20 miles over some of the worst road I ever troveled. The horses refused to hauf for gus + I had to drive over the wordt of the road. Camped one top of a divide between the heads of Smiths Fork + La Barge Creek Barowetes rad 6850 in waring when we broke camp and where we camped at 6P.M. 9850. He ground is tramfed o eater bare doughte road by herds of shief or loises. alive of 180 borses is going just ahead of us, from Pevaletory aregois, to Kansas. Saw little game along the road. a few new burds + Loring got some S. castarwrus. after camping los went out of got sowe grouse o Squirels + Lagarup, Sont Deer & El tracks

Wyaning All. aug. 3 Hunted before brokefast o did not get a very early start. Climbed over ove range + down to a branch of Smiths Fork, Then over nother large or down to the head of La Bage Crick. after crossing La Bage we turned up a rovine or came a mile without any road & camped on a redge dividing La Bege + Group River. Heavy fourts of Pieca evgelvani, abies concalor, Pseudotsega + Pins placilis ~ P. muryava cover the mits. excep the parks of strong gulches. The roads were fearful. Came about 8 miles. Baroweth reads of camp 9100. Horse flys are so thick we had to build a shed of spence borghs for The lorses. Feed is spludid. Sit traps for swall things - for Martins. Sew one Deer. Deer Ell tracks me common. I wolf howled when we started a fire in evening . We first begand I wer heard. - Made up skins in evening "

Wyoning Mts. Mg. 4. Caught a Zapas an awieda, 2 Red Squirrels, + a Martin. Long got 7 Zapus + 2 arvicalas + 2 Sitorys + shot a Lepus bairdi. Made of skins, set traps or hunted. Killed 6 Lagorys & some Tamas & a S. castanins. Saw arcting of a Lipus. Lowing took two plats of the Muster. a warm day of the flies terrible. a sprinkly of rain in M. MI. Wy. 5 Mither of us caught anything of account. Took our barrest vent around 4 or 5 miles to bose of the main peops t climbed one that reached well above timberling about a mile south of Wyoming Peak: the Baraveles read 9100 of camp & 1/400 on top of peak. The extreme upper kimit of Timber on S.W. slope vached to 11000 fut. Then were great banks of soon thundreds. of littly streams The peak we were on bad a broad top or was covered with grass or plants to the top. a beautiful lake lay just below the peak on the last side. It is probably 9500 fat. Ta good stream runs through it.

Wyowing Wits. The usual affine plants were in full bloom dove timber. Oxalis Rammeulus, assia, anemore, Hydrofhyllum, Myrasotis (?), duarf composites regilias + Carejes - Luguli. Elk o deer tricks were numerous at timberling & sheef tracks above, but we saw no game. Rabbit pills were common to the top or large. There were signs of Logopus but we saw vor. U few Lagorups. were seen o beard. 5. lateralis o Seinens T Tamies were of to timberties. Howomys was abundant to the top. Otocaris were in flocks of we saw a few author what seemed to be a Lencostiali. I stot a Spernophily at 16900 that seems to me a vew spicies. got tack at 6 P.M. Have a lot of things to water of - wast to leave her in the worring. ling. 6 Caught a Sorex a Lapus, a Setangs I am arvicola. Loring caught a lot of Zopus. Had a let to do before starting A did not get started till 11:30. Followed down La Barge Creek about 6 miles + then

. up a low ridge to the east and over a low divide & down to a branch of Piney Cr. With a gentle discert for about 4 miles we struck Piney Creek and following down it about 4 miles camped for the night. Came about 15 miles I quess. three rain slowers struck is and the afternoon and spoiled all the baraveter vadings. It varied up & down 300 or 500 fet at a jump without any charge of altitude. at camp on starting it read 9300 or the divide 8900 + at camp on Piney Cruk 8000. These are probably approximates The divids was the easiest crossed except one short hill that was so steep it stuck us Twe got a hoveles to houl is up with his wells aread of our team. Saw 2 fresh Evantials along road ordrow the willows for oboit a will along La Barge Creek but did not start ove. Vassed through fretty country, weadows + parks along the strains + think pine of spruce timber. good grass where the sheep love not taken it all. Saw 2 large droves of sheep. Found S. arwatus + Lauras minus in the lover parks,

Pivey Creek

ang. T Tollgroed down Little Rivey Creek

about 10 miles through an open caron out

of the wountains and out onto sage

plains. Crassed some low wesas t

plain to a fork on north side of kittle

Princy and then across were plains to

Big Pincy Creek and followed down it

obout 5 miles to Big Pincy store and

Past office T camped. Come 25 miles.

The aberoid worked all right again, reading

at starting point on Little Pincy 8000 feet,

at edge of sage plains 7500, at camp on

Big Pincy 6400.

Conifers rached down on S.W. alopes to about 8000 but & on W.E. slopes to 7 500. Douglas spruce & firms flexilis carre the lovest. Populus tremulaides carre searcely lower.

Populus angustiphius was wet at 1 kear fut.

W. saw Logarys at 7850 & Killed one

Shemophilus accordus at 7850 & saw them down to 1500. Killed the first S. elegans at 1500 & saw them down to 6400.

Saw Ceyrous boles at 7000 & Lowing killed a

C. leneuris at 6500. Badger toles numerous.

Staid allday at BigPivey and wrote report — Iwrote 20 pages and Loring wade out the bild report. Had a splindif dimer of boxed Mallards.

aug. 9 Started early, crossed the North Fork of Green River and up the cast side to about a rule about where New Fork joins it and camped. Did vot go over 10 miles. Found a good ford across The river with the water just the buckboard box. Daw about 40 austelops but could vot get a stot. survove Corpots and probably 50 Lefus campestris. Never saw them so muserous and tame before. Made up skins and set a lot of tight. Tound lote of fasal wood, ling. (0: We caught 26 Sitary, allestowa 4 howomp, and shot a lot of other stuff. Followed if New Fork 5 miles, crossing it were + struck the Lander Road, then haveled 15 circles across dry plain with tittle else than sturing Tagebrush. Camped on the Muddy Creek, 'Lawe

about 20 miles. Killed Lots of

things along the road and worked late without finishing them. Saw a lot of autilities and 3 big wolves, Found a lot of petrifies wood by the road. Wheavy host in warring. Cooldar. Baronetes is cranky of pumps all around.

mg.11 Had to work till 10 oclock to get om last rights specimens skined so got a late stort. Struck the Big Savdy in about 10 miles and crossing it just where it cowes out of the foot hills wend on about 10 miles faither, crossed the dittle Sandy and camped one one of its branches a couple of wills beyond. Saw lots of Sage Godse and some ducks Got a Badger + Spermophile + Lamias I Loring stat an Whipute. Have a fine place to camp in a weadow anong willows with pives on the rocks close by. Worked till late putting of skins. Came obout 20 miles. Reining in overing but warm. i heavy frost + fruze in worning.

Jung. 12 We stopped to till 3 Woodelincks and did not got of till about 8 oclock. Crossed numerous ridges and creeks with good road except for long hills. The country is foothills along south end of Wird River Wits. and probably 7000 or Too fut ligh. Lots of Nocky bolges & cavous and scattering pines over the rocky: redges. I. flexilis is the west convon, sower 1. muryava seess + a little spuce. Visbet & poples all day or wadows with willows day streams. Crassed the Sweet water K. + several buncher High wesas & flat topped butter stritely If to the soul! The Wind Kivers as Elase on the warth and quite heavily Timbered along to side, reaching as above turberling. Reached South Pass ty about 3 P.M. T went on Through atlantic City + camped half a suite beyond. Got supplies but ted not wait our rackages. The lower are little mining camps nearly abardared, a stores foot office

we each

any fast of the whost along soute to green R. Basin. Loing has not got nis fird list wady to wail.

Hod a hoor blace to camp so started on I camped in a view little grood or weadow just fast de Camp Stanbough to heavy rain came up I we camped in a hurry I int up tent but it did not sain love. Charel of I we had a pleasant afternoon. The over days travely from Lander o wais.

ang. 14 Started early & fassing through
the old camp of Minera Delight Crossed
a 2 long ridges & down into Red Caron
followed it about 6 or or winds and then
over ridges and low country to Lander
when we arrived of 4 P. M. & found
Dr. Bagg waiting for us. Came 30 withs
with party good roads and a drop of
vearly 3000 feet. Found plenty of
Cyronys leneuros in vally. Lander is
a siele town of hobby 2000 population in
a splunded of days of town.

ang 15 Sport the day in noting of a fin warmals, getting supplies, facking spleiners + writing. Effect to have for a two or three weeks trif to the Wind R. Wits. Warm & pleasant. and passing through At. Washakie Campel on Sage order 7 miles vorth of the fort. Saw Capt. Kay and got permission to dampony where on the reservation ingotourd a lot of ripe Chokecherpies + currants I Rull berries along the lakestore. The lake is probably a mile wide in the widest place - wost of the way it is nerrow and crooked. It is deep with rock bottom in places. Is an old glacies bed and of the foot of the lake is a great dam of invense boulders and debris, of the terminal worain. The water of the lake is very clear + quite dold. There well obout 1000 Widgens in upper end of lake of we got 4. Campel about 2 miles above Buffalo Lake at the faithest point that a wagon can Mach:

ling. 18 The wasquitos were so thick we could not slup + the lorses were nearly crozy. Coveleded to have the wagon and pack up the suits. And the harness + beartish + some other Things and left the wagon out in sight. packed all the rist on two barses or followed about I embes up the creek or then obout 2 miles up a stup slope on the south side of creek and camped in the sprice spire triober. It the averaged of 5800 of the Loke, which Coft. Kay says is the oblitude. at camp in the pives it read 1800. Sew blok der ralk tracks ra benitiable. a lot day. aug. 19 Went up the wountain about 2000 feet obove camp with Dr. Bagg. Killed sowe Lagours only. Sow To large game but a few dies, elk, o bear teacher. Wrote on report o got Thing ready to go up the Mits, Townow ang. 20. Dr. Bagg & I took our saddh horses of a pack barse with ords + provision + traps and followed up the ridge and over the who of two mades

and camped in a great ofen basin or park at 10 ovo feet. There a lot of little lakes in the park, I warshes to shaws and a crest of rough Ills. ralf evelose it. They leach above Trubeline and great banks of avour hi on M. E. slopes. Camped in the basin + set traps above truberling. Sawa Griggly and fired 3 shots of him but could not stop him. He was above timberling turing our stones to get ants. Was a good sized silvertip in fine pelage but looked gaint & rangy. He tran fait. Set 18 traps above truberline. Killed a few swall things Rained by Spolls aug. 21 Caught only arvicolos at timbedine went up on a peak to 11800 feet and Dr. Bagg shot a warten and sew 3 word chasing Lagrup among the rocks. Saw vo leige gave but some bieds + Lagornys I saw woodchuck dung & breard them whistle at 11700. Set traps in park, sawa Dalpos wacrowns. Raised in P.M.

Ward River MD. ang. 22 We horse-flies were so bad yesterday the horses could not stand it. We had to blanket them + the them in the abode. Concluded not to stay any longer so parted our horse or startol down to camp. Shot as aretony + Taminos. Caught some arvivola - Sitomy hox carried off some of my trops. On the way down we shot a Devdeogapus Reached camp at loclock of skinned my warmals before dark. ang. 23. Moved camp from 77000 up to 9 600 feet. Camped at a spring only 400 feet below M. E. Timberline ang 24 Caught som Lepus bandi + other things I wade up a lot of skins a hard front. ang. 25 Did not catch much, Went down to where we left the wagon t found everything all right. ma, 24 Dr. Baggo Loring went over to the next ridge & camped above timberline Meg 27. Somed them at timberline. Killed a Bodger Ung. 28 Came back to Camp. Loring got a fox. Cing. 29 Packed down to the wagon at Lake.

Zander Lake to H. Washakie. Raised in P.M. + all night. aug. 31 He roads are very muddy & bod Rached Lander at 3 P.M. ogot mail. Deft. 1 Made out reports + got some necessary supplies + wrote some. Sept. 2 Finished seports & packed speciwers. Loring is sick or not able to do much. I Sep. 3. Simlay, a quiet day in comp. Sep. 4 Packed up at started for South Pars to get Sciurus. Dr. Bogg + Loring Start worth for larger gave vear the had of Wind River. gus + I followed our back track through Wid Caron T camped are the next stram after passing out of the Carron. Camped at 7000 feet. Killed a 5.13 lineates pallidus + Caught a Thowony cluseus.

a hot day . T cell up hill.

Distances

Ogden to Bear Lake (Laketown)	80
Laketown to Montpelier	30
Montpelier to afton	50
Star Valley (after) to Big Pivey	75
Star Valley (Ofton) to Big Pivey Big Pivey to South Poss	75
South Paps to Lander	40
Lander to Bull Lake Camp	50
Lander to Buffalo	265
Buffalo to Powder River	50
Powder Kivi to Morieroft	90
Mooreroft to Newcasth	50
<i>l</i> ′	855
Sidetrips	110

Mear South Pass Sep. 5 Came 5 or & rinks & camped on a littly Creek about 2 miles west of Mivers Delight. Judging from the waps I distances along the road it is about le miles vorth of South Pass City. There are groves of Douglas Spruce or Pinas flexilis of P. murryava on the Rids hills + Sours penorti au convon m them. Shot 7 in one small grove in all killed 10. Shot the co squirels, ove S. elegans, 3 Tameas minums, Ta Sagehun with the arex. + did not missa shot or fail to kill dead. Camped of sovo fut. Sep. 6 Killed & Sours, I lamas, Caught an arricola + a Sictoring of Philipsotus. Made up 14 warmals ~ Sep. F. Caught 8 wore Provinces vallosory I Shot & Seiners. The wind below so of could not find Seins + in P.M. It grew into a gale with some rain o turned cold. Caughta Badgei, Made up 2/ manual. Sip. 8 Evowed by spells all right, cold winds

started at 7 & risched Lander of 2 P.M.

warm in valley, Got 3 Pheracomys & 1 Sitomy,

Sep. 30 Dr. Mirrian left yesterday from Osage where we campled over night. dained + blew in right so I could not get Ked Squirrely or Chipmunks, Made upskins + started for New Castle where we arrived at voor. Found Mr. Bisself & Mr. Mordell of soon found a place to pasture vorses & store outfit. Disposed of all before 5 P.M. but still bad my spicemens to packs ship. Saw obout 12 Dialia sialis & 26 Capassociphalus cyavocephalus, & 2 Pieax - rustica hudornica artenisia tridutata, cava, & frigida are abundant to Mewcastle.

Cowe Cr Mes OWI CRANTS.

Bryhon Basic
Redbanh

Bryhon Mlo

Borrdu 12 Pump km Butta

Fullet much Vas

Thereis

